DOCUMENT RESUME

ED 369 785 TM 020 738

TITLE	Geometry. Annotated Bibliography of Tests.
INSTITUTION	Educational Testing Service, Princeton, N.J. Test Collection.
PUB DATE	Jul 89
NOTE	38p.; Supersedes April, 1988 edition.
PUB TYPE	Reference Materials - Bibliographies (131)
EDRS PRICE	MF01/PC02 Plus Postage.
DESCRIPTORS	*Achievement Tests; Annotated Bibliographies; Cognitive Tests; *Diagnostic Tests; Elementary Secondary Education; *Geometry; Higher Education; *Mathematics Tests; Student Evaluation
IDENTIFIERS	Test Bibliographies; Test Collection (Educational Testing Service)

ABSTRACT

The 70 tests cited in this bibliography are used to assess students' knowledge of various mathematical skills and operations in geometry. Many of the tests described are included because one or more of their subtests measure some aspect of geometry or have a number of questions with that content. The testing levels range from grades kindergarten through 12, with some for higher education. This document is one in a series of topical bibliographies from the Test Collection (TC) at Educational Testing Service (ETS) containing descriptions of more than 18,000 tests and other measurement devices prepared by commercial publishers, teachers, educational institutions, professional associations, departments of education, counselors, etc. Each description contains the following basic information: TC Accession Number (a six-digit identification number assigned by the Test Collection); the title of the instrument; personal or institutional author; year of publication or copyright; availability source; grade level for which test is suitable; age level for which test is suitable; and abstract. Other information, which is provided when known, includes subtests, number of test items, and time required to complete the test. Information on accessing the Test Collection via Internet concludes the document. (RMB)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ETS TEST COLLECTION

ANNOTATED BIBLIOGRAPHY OF TESTS

GEOMETRY

ED 369 785

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☑ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
MARILYN HALPERN

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

BEST COPY AVAILABLE

TM 020738

Educational Testing Service
Princeton, New Jersey

TEST COLLECTION
EDUCATIONAL TESTING SERVICE
PRINCETON, NJ 08541

GEOMETRY
JULY 1989

SUPERSEDES APRIL, 1988 EDITION

INTRODUCTION

Scope of Bibliography

Contains information on any test that has a score or subscore in geometry or a number of questions with that content.

Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

AN - Six-digit identification number assigned by the Test Collection

TI - Name of the instrument

DT - Components within the overall test which assess particular skills or factors

AU - Personal or institutional author

YR - Year test was published or copyrighted

AV - Test publisher or distributor; the organization which sells or distributes the instrument

Copyright © 1989 by Educational Testing Service. All rights reserved.

GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

AN ACCESSION NUMBER: TC016181 ETS 8901.
TI TITLE: KeyMath, Form A: A Diagnostic Inventory of Essential Mathematics.
DT SUBTESTS: Numeration; Rational Numbers; Geometry; Addition; Subtraction; Multiplication; Division; Mental Computation; Measurement; Time and Money; Estimation; Interpreting Data; Problem Solving.
AU AUTHOR: Connolly-Austin-Jr.
YR YEAR: 88.
AV AVAILABILITY: American Guidance Service; Publishers' Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: K-9.
NT NOTES:
TIME: 40.
AB ABSTRACT: This revision of the KeyMath Diagnostic Arithmetic Test measures a student's knowledge of basic concepts, operations and applications. It is individually administered. Two parallel forms are available. Each subtest allows analysis of its three or four domains to determine strengths and weaknesses. Has spring and fall norms. Scores available are: percentile ranks, stanines, normal curve equivalents, grade equivalents and age equivalents. Software is available to complete scoring. Several of the previous editions subtests were expanded and three new subtests were added on estimation, data interpretation and problem solving. Extensive information on validity, reliability and other technical considerations are provided.

AN ACCESSION NUMBER: TC015768 ETS 8901.
TI TITLE: College Level Academic Skills Test.
DT SUBTESTS: Reading; Writing; Essay; Computation.
AU INSTITUTIONAL AUTHOR: Florida State Department of Education, Tallahassee.
YR YEAR: 84.
AV AVAILABILITY: College Level Academic Skills Project; State of Florida, Department of Education, 116 Knott Building, Tallahassee, FL 32399.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: Designed to measure college level communication skills that students should have attained by the end of the sophomore year, and college level computation skills. This achievement test consists of subtests in essay, writing, reading, and computation. Each subtest has one score. In the State of Florida a passing score must be attained on all four subtests before an associate's degree is awarded. Content includes: critical and literal comprehension in both reading and listening; multiple-choice writing skills and an essay; speaking skills; problem solving and concepts in arithmetic, geometry and measurement, algebra, statistics, including probability, and logical reasoning. Not available for purchase. Special arrangements for use by others are at the discretion of CLAST officials.

AN ACCESSION NUMBER: TC015572 ETS 8807.
TI TITLE: Major Field Achievement Tests.
DT SUBTESTS: Biology; Chemistry; Computer Science; Economics; Education; Engineering; Geology; History; Literature in English; Mathematics; Music; Physics; Political Science; Psychology; Sociology.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJ.
YR YEAR: 88.
AV AVAILABILITY: Program Director; Major Field Achievement Tests; GRE Programs; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 120.
AB ABSTRACT: Designed to assess the outcomes of higher education by measuring undergraduate learning in specific disciplines. These tests are based on subject area tests from the Graduate Record Examination but are less difficult and cover the undergraduate curriculum. Tests are administered by the institution at their convenience and scored by the publisher. Tests reflect basic knowledge and understanding gained from courses. Subscores are reported for areas within each field. Different departmental needs for information can be met by administering different subforms of the test. Departmental and individual scores can be provided.

AN ACCESSION NUMBER: TC015553 ETS 8807.
TI TITLE: EDS GED Series: Mathematics.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 87.
AV AVAILABILITY: Educational Diagnostic Services; P.O. Box 347; Valparaiso, IN 46383.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 400.
AB ABSTRACT: These tests are part of a course of study taken by adult students who are preparing to take the General Educational Development Tests (GED) in order to qualify for a high school equivalency certificate or diploma. Each of the power tests is to be used following completion of designated lessons in the student textbook. The tests are divided into developmental sections and GED-type questions. The lessons and tests cover basic mathematics skills, algebra, geometry, and the use of mathematical skills to solve problems. Each test should be completed in 50 minutes or less or else the section should be restudied and the test readministered.

AN ACCESSION NUMBER: TC015542 ETS 8807.
TI TITLE: High School Subject Tests: Geometry, Form B.
AU AUTHOR: Wick-John-W; Gatta-Louis-A.
YR YEAR: 88.
AV AVAILABILITY: American Testronics; P.O. Box 2270; Iowa City, IA

52244-9990.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40; Approx.
ITEMS: 40.
AB ABSTRACT: Two equivalent forms A and B allow pre- and posttest analyses of individuals, classes, or specific groups for grades 9 through 12. Tests are both norm-referenced and criterion-referenced. Can be used as an end-of-course assessment to measure students' knowledge of Geometry or as pre-assessments to measure students' knowledge prior to formal course of study of Geometry.

AN ACCESSION NUMBER: TC015410 ETS 8802.
TI TITLE: Academic Proficiency Test.
DT SUBTESTS: Reading Test; Writing Test; Mathematics Test; Critical Thinking.
AU INSTITUTIONAL AUTHOR: American Council on Education, Washington, DC.
YR YEAR: 87.
AV AVAILABILITY: American College Testing Program; P.O. Box 168; Iowa City, IA 52240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 60.
AB ABSTRACT: Designed to assess students' level of proficiency in skills that could be expected of graduates of associate degree programs. May be used with entering freshmen, at the end of sophomore year for intervention purposes, or for transfer students from community colleges. The reading test focuses on comprehension. The mathematics test emphasizes quantitative reasoning in pre-algebra, algebra, coordinate geometry, and statistics. Critical thinking covers clarifying, analyzing, evaluating and extending an argument. The writing test involves a direct sample. The configuration of the test may change following field-testing, Spring '88.

AN ACCESSION NUMBER: TC015408 ETS 8802.
TI TITLE: CLEP Education Assessment Series, Mathematics.
AU INSTITUTIONAL AUTHOR: The College Board, New York, NY.
YR YEAR: 88.
AV AVAILABILITY: The College Board; 45 Columbus Avenue, New York, NY 10023-6992.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 45.
AB ABSTRACT: The Education Assessment Series (EAS) examinations are designed to measure how much students are learning in general education areas in the first two years of college and how they compare with students at other institutions. Two equated forms of each test are available for use at college entry and at the end of

sophomore year. The Mathematics test assesses students' ability in mathematical skills and elementary concepts that are normally included in a college mathematics course for non-majors or others that do not require knowledge of advanced mathematics. Multiple choice questions cover quantitative skill in arithmetic, elementary algebra, geometry, data interpretation, elementary concepts in sets, logic, real number system, functions and graphs, probability and statistics.

AN ACCESSION NUMBER: TC015204 ETS 8807.
TI TITLE: Academic Profile.
DT SUBTESTS: College-Level Reading; College-Level Writing; Critical Thinking; Using Mathematical Data; Humanities; Social Sciences; Natural Sciences.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJThe College Board, New York, NY.
YR YEAR: 87.
AV AVAILABILITY: Program Director; ETS College and University Programs; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: The Academic Profile is designed to assess student outcomes, academic achievement or growth, on the completion of general education requirements (introductory courses in major discipline areas) in higher education. It is for use by two- and four-year colleges and universities with entering freshmen, sophomores completing general education, and seniors. The Profile measures academic skills (college-level reading, college-level writing, critical thinking, and using mathematical data) in the context of three major discipline groups (humanities, social sciences, natural sciences). An optional essay is available. Fifty questions can be written and added by the user college. A short form (48 items, one hour) provides group data. A long-form (3 hours, 144 items) provides scores for individuals. Eight scores are reported: one in each content area, one in each skill area, and a total score. Scores can be reported for subgroups based on student demographic data. Group scores can be compared to scores reported by other colleges. The program will be fully operational beginning in Fall of 1988.

AN ACCESSION NUMBER: TC015197 ETS 8901.
TI TITLE: Teste de Matematica II.
DT SUBTESTS: Numbers; Geometry and Measuring; Basic Operations; Problems.
AU AUTHOR: Gaio-Joaquim-F.
AV AVAILABILITY: National Dissemination Center; 417 Rock Street, Fall River, MA 02720.
GL GRADE LEVEL: 2; 3.
NT NOTES:
TIME: 45.

ITEMS: 111.

AB ABSTRACT: A measure in Portuguese, of the knowledge of the major concepts of elementary mathematics of Portuguese speaking students. Can be used as a diagnostic tool to determine the strengths and weaknesses of its subjects. Also, aids educators in placement and grouping of students. Lastly, it helps monitor students' progress in mathematics. Primarily intended for the classroom teacher, but school psychologists and special educators will find it useful.

AN ACCESSION NUMBER: TC015178 ETS 8802.

TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Advanced 1.

DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers; Computation-Decimals and Fractions; Graphs and Statistics.

AU AUTHOR: Hogan-Thomas-P; And Others.

YR YEAR: 86.

AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.

GL GRADE LEVEL: 7; 8; 9.

NT NOTES:
TIME: 167.
ITEMS: 213.

AB ABSTRACT: This is the diagnostic component of the Metropolitan Achievement Tests, 6th edition (MAT6). When used with the survey component, provides a comprehensive assessment package to meet varied needs of schools. For each level of the test, instructional objectives were identified. Each objective is assessed by at least three items. Criterion-referenced information is provided for each objective so that students' competence in meeting the objectives can be assessed. Designed as an instructional planning tool for classroom teachers and instructional specialists. Provides detailed prescriptive information on educational performance of individual students in terms of specific instructional objectives. Aids in instructional planning for students needing remediation or for those performing at average or above average levels. Diagnostic batteries are statistically equated to scores in the same domain as the corresponding MAT6 survey batteries. Provides both norm-referenced and criterion-referenced scores.

AN ACCESSION NUMBER: TC015177 ETS 8802.

TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Intermediate.

DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers; Computation-Decimals and Fractions; Graphs and Statistics.

AU AUTHOR: Hogan-Thomas-P; And Others.

YR YEAR: 86.

AV AVAILABILITY: The Psychological Corporation; 555 Academic Court,

San Antonio, TX 78204-2498.
GL GRADE LEVEL: 5; 6.
NT NOTES:

AN ACCESSION NUMBER: TC015176 ETS 8802.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Elementary.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers.
AU AUTHOR: Hogan-Thomas-P; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 3; 4.
NT NOTES:
TIME: 127.
ITEMS: 168.

AN ACCESSION NUMBER: TC015175 ETS 8802.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Primary 2.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers.
AU AUTHOR: Hogan-Thomas-P; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 2; 3.
NT NOTES:
TIME: 117.
ITEMS: 135.

AN ACCESSION NUMBER: TC015174 ETS 8802.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Primary 1.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers.
AU AUTHOR: Hogan-Thomas-P; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 1; 2.
NT NOTES:
TIME: 130.
ITEMS: 138.

AN ACCESSION NUMBER: TC015045 ETS 8710.
TI TITLE: End-of-Course Tests: Geometry.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJ.
YR YEAR: 86.
AV AVAILABILITY: CTB/McGraw Hill; 2500 Garden Road, Monterey, CA 93940.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 45.
ITEMS: 42.
AB ABSTRACT: Designed to measure the subject matter taught in certain junior and senior high school courses. Tests can be used to supplement or substitute for basic skills achievement testing at these levels. There are nine different end-of-course tests, one in each of the following areas: algebra, geometry, physics, chemistry, biology, world history, American history, computer literacy, and consumer economics. Tests represent the most commonly taught curricula in a one-year course in each of these subject areas. Normative data were derived from national reference groups who had completed a course in the content area. Geometry test measures knowledge and understanding of such concepts as congruence, similarity, angle relationships, special properties of polygons, and determination of perimeters, areas, and volumes of the most common polygons and solids.

AN ACCESSION NUMBER: TC015046-015053 ETS 8609.
TI TITLE: End-of-Course Tests.
DT SUBTESTS: Chemistry; Geometry; World History; Physics; Algebra; Biology; Computer Literacy.
AU INSTITUTIONAL AUTHOR: Educational Testing Service; Princeton, NJ.
YR YEAR: 86.
AV AVAILABILITY: CTB/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL:7-12.
AB ABSTRACT: Designed to measure the subject matter taught in certain junior and senior high school courses. Tests can be used to supplement or substitute for basic skills achievement testing at these levels. There are nine different end-of-course tests, one in each of the following areas: algebra, geometry, physics, chemistry, biology, world history, American history, computer literacy, and consumer economics. Tests represent the most commonly taught curricula in a one-year course in each of these completed a course in the content area.

AN ACCESSION NUMBER: TC014529 ETS 8605.
TI TITLE: Test of Cognitive Style in Mathematics.
DT SUBTESTS: Mental Computation; Arithmetic; Geometry/Visual; Algebra.
AU AUTHOR: Bath-John-B; And Others.
YR YEAR: 86.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 6; 7; 8; 9; 10; 11; 12; Higher Education.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES:
TIME: 20; approx.
ITEMS: 20.
AB ABSTRACT: Designed to identify the cognitive-perceptual style of the subject's mathematics problem solving skills. Gives information on how subject solves mathematics in four areas: mental computation, arithmetic, geometry/visual, and algebra. Test is a power test and is therefore untimed. It is individually administered. Assesses individual's problem solving style on a continuum from the intuitive Gestalt thinker to one who solves problems in a logical sequential manner and is stimulus bound.

AN ACCESSION NUMBER: TC013997 ETS 8510.
TI TITLE: Stanford Diagnostic Mathematics Test, Third Edition, Blue Level.
DT SUBTESTS: Number System and Numeration; Computation; Applications.
AU AUTHOR: Beatty-Leslie-S.
YR YEAR: 84.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 8; 9; 10; 11; 12.

NT NOTES:
TIME: 90.
ITEMS: 114.
AB ABSTRACT: Designed to measure progress in basic mathematics concepts and skills and to identify individual needs for developing instructional strategies. Said to contain more easy items to increase reliability for students scoring below the 50th percentile. Complies with Chapter 1 testing requirements. Statistically linked with the Stanford Achievement Test (TC 011 695-011 700) for pre- and posttesting use. Two forms are available. Covers: whole numbers (addition, subtraction, multiplication, division), fractions, decimals, percent, equations, problem solving, tables and graphs, geometry and measurement.

AN ACCESSION NUMBER: TC013996 ETS 8510.
TI TITLE: Stanford Diagnostic Mathematics Test, Third Edition, Brown Level.
DT SUBTESTS: Number System and Numeration; Computation; Applications.
AU AUTHOR: Beatty-Leslie-S; And Others.
YR YEAR: 84.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 6; 7; 8.
NT NOTES:
TIME: 114.
ITEMS: 100.
AB ABSTRACT: Designed to measure progress in basic mathematics concepts and skills and to identify individual needs for developing instructional strategies. Said to contain more easy items to increase reliability for students scoring below the 50th percentile. Complies with Chapter 1 testing requirements. Statistically linked with the Stanford Achievement Test (TC 011 695-011 700) for pre- and posttesting use. Two forms are available. Covers: whole numbers (addition, subtraction, multiplication, division), fractions, decimals, percent, equations, problem solving, tables and graphs, geometry and measurement.

AN ACCESSION NUMBER: TC013995 ETS 8510.
TI TITLE: Stanford Diagnostic Mathematics Test, Third Edition, Green Level.
DT SUBTESTS: Number System and Numeration; Computation; Applications.
AU AUTHOR: Beatty-Leslie-S; And Others.
YR YEAR: 84.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 4; 5; 6.
NT NOTES:

TIME: 95.
ITEMS: 108.
AB ABSTRACT: Designed to measure progress in basic mathematics concepts and skills and to identify individual needs for developing instructional strategies. Said to contain more easy items to increase reliability for students scoring below the 50th percentile. Complies with Chapter 1 testing requirements. Statistically linked with the Stanford Achievement Test for pre- and posttesting use. Two forms are available. Covers: whole numbers (addition, subtraction, multiplication, division), fractions, decimals, percent, equations, problem solving, tables and graphs, geometry and measurement.

AN ACCESSION NUMBER: TC013810 ETS 8503.
TI TITLE: Illinois Inventory of Educational Progress, Grade 11.
AU INSTITUTIONAL AUTHOR: Illinois State Board of Education, Springfield.
YR YEAR: 84.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Avenue, Alexandria, VA 22304 (ED 240 162; 55 p.).
GL GRADE LEVEL: 11.
NT NOTES:
ITEMS: 183.
AB ABSTRACT: A test of educational progress developed by the Illinois State Board of Education to assess student achievement in reading, mathematics, geometry, and science. Test booklet also contains a 27-item student questionnaire eliciting students' attitudes toward science.

AN ACCESSION NUMBER: TC013809 ETS 8503.
TI TITLE: Illinois Inventory of Educational Progress, Grade 8.
AU INSTITUTIONAL AUTHOR: Illinois State Board of Education, Springfield.
YR YEAR: 84.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Avenue, Alexandria, VA 22304 (ED 240 161; 50p).
GL GRADE LEVEL: 8
NT NOTES:
ITEMS: 175.
AB ABSTRACT: A test of educational progress developed by the Illinois State Board of Education to assess student achievement in reading, mathematics, geometry, and science. The test booklet also contains a 27-item student questionnaire eliciting student attitudes toward science.

AN ACCESSION NUMBER: TC013808 ETS 8503.
TI TITLE: Illinois Inventory of Educational Progress, Grade 4.
AU INSTITUTIONAL AUTHOR: Illinois State Board of Education, Springfield.

YR YEAR: 84.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Avenue, Alexandria, VA 22304 (ED 240 160; 42p).
GL GRADE LEVEL: 4.
NT NOTES:
ITEMS: 143.
AB ABSTRACT: A test of educational progress developed by the Illinois State Board of Education to assess student achievement in reading, mathematics, geometry, and science. The test booklet also contains a 27-item student questionnaire eliciting student attitudes toward science.

AN ACCESSION NUMBER: TC013536 ETS 8502.
TI TITLE: C.U.B.E. Math Placement Inventory.
AU INSTITUTIONAL AUTHOR: Monroe County Community Schools Corp., Bloomington, IN.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; Wheeler Ave., Alexandria, VA 22304-5110 (ED 211 830; 467 pg).
TG TARGET AUDIENCE: Adults.
NT NOTES: For related scales in the C.U.B.E. series see TC 013 572 and TC 013 575, and TC 013 532-TC 013 536.
ITEMS: 80.
AB ABSTRACT: For use as part of an adult basic education teaching/learning management system. Covers: operations, fractions, percents, geometry, and money. Places adult students into a workbook series.

AN ACCESSION NUMBER: TC013535 ETS 8502.
TI TITLE: C.U.B.E. Math Mastery Tests.
AU INSTITUTIONAL AUTHOR: Monroe County Community Schools Corp., Bloomington, IN.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304-5110 (ED 211 830; 467 pg).
TG TARGET AUDIENCE: Adults.
NT NOTES: For related scales in the C.U.B.E. series see TC 013 572 and TC 013 575, and TC 013 532-TC 013 536.
ITEMS: 400.
AB ABSTRACT: For use in measuring achievement in an adult basic education teaching/learning management system. Tests cover: operations, graphs, algebra, fractions, decimals, percent measurements, formulas, geometry.

AN ACCESSION NUMBER: TC013492 ETS 8502.
TI TITLE: IER Criterion-Referenced Mathematics Objective and Item Bank: A Bank of Mathematics Objectives and Test Items for Grades One through Eight.
AU AUTHOR: Cunningham-Sandra; And Others.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304-5110 (ED 237 528; microfiche only).
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES:
ITEMS: 813.
AB ABSTRACT: The mathematics objective-item bank contains 100 objectives each represented by 5 to 8 multiple choice items, and covers grade levels 1 through 8. The objectives deal with such topics as decimals, fractions, geometry, graphs and charts, integers, numeration, problem solving, and whole number operations. The bank can serve as a starting point for developing tests of

mathematics achievement tailored to the local district curriculum. Such tests can be used for district program evaluation, student diagnosis, competency testing, and formative or mastery testing. An alternate source is Institute for Educational Research, 793 N. Main Street, Glen Ellyn, IL 60137.

AN ACCESSION NUMBER: TC013320 ETS 8502.
TI TITLE: DANTES: Technical Mathematics I.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
AV AVAILABILITY: Educational Testing Service; Mail Stop 17 P, Princeton, NJ 08540.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 90; approx.
ITEMS: 50.
AB ABSTRACT: The DANTES program is a series of secured tests administered by postsecondary institutions to grant credit by examination for education gained outside the classroom. Examinations may be worth from two to six credit hours in a baccalaureate program, baccalaureate upper division program, or a technical program. A minimum score for credit has been established by the American Council on Education. Individual institutions administer examinations, as well as set the fees and schedules. These instruments complement the College Board's College Level Examination Program (CLEP) with several instruments in applied technology. They were originally developed for military personnel. Major areas of assessment include mathematics, social science, physical science, business, foreign language, and applied technology. For each test a fact sheet containing the curriculum specifications of the course, a list of texts on which the test is based and statistical information is available. Qualified administrators and faculty may borrow sample tests for a period of thirty days. This instrument is one of a series assessing knowledge in applied technology. Assesses knowledge of geometry, algebra, computation techniques, and trigonometry as related to technical occupations. Forms SC and SD are available. ACE recommends granting four semester hours at the lower baccalaureate degree level to successful candidates. Use of slide rule and calculator is permitted.

AN ACCESSION NUMBER: TC013012 ETS 8502.
TI TITLE: National Assessment of Educational Progress, Released Exercises: Mathematics.
DT SUBTESTS: Mathematics in School; Mathematics and Oneself; Mathematics and Society; Mathematics as a Discipline; Experiences in Mathematics; Mathematical Process; Content.
AU INSTITUTIONAL AUTHOR: Education Commission of the States, Denver, CO.
YR YEAR: 83.
AV AVAILABILITY: National Assessment of Educational Progress; Box

2923; Princeton, NJ 08541.
TG TARGET AUDIENCE: Older Adults.
NT NOTES:
ITEMS: 227.
AB ABSTRACT: Contains items used in the National Assessment of Educational Progress (NAEP), which conducts yearly surveys of the knowledge, skills and attitudes of individuals aged 9, 13, 17 and 26-35. All items are in the public domain and may be used to build customized tests. Areas covered are: attitudes toward math; perceptions of self in relation to math, including math anxiety and motivation; attitudes toward the usefulness and importance of math; views of mathematics as a discipline and process; experience with metric system, calculators, computers. Content areas are numbers, numeration, algebra, trigonometry, geometry measurement, probability, and statistics, use of calculator, computer literacy. Not all exercises are used with all age groups.

AN ACCESSION NUMBER: TC012370 ETS 8502.
TI TITLE: New Jersey Minimum Basic Skills Testing Program.
DT SUBTESTS: Word Recognition; Reading Comprehension; Study Skills; Computation; Number Concepts; Measurement and Geometry; Problem Solving.
AU INSTITUTIONAL AUTHOR: New Jersey State Department of Education, Trenton, NJ.
YR YEAR: 77.
AV AVAILABILITY: New Jersey State Department of Education; Bureau of Assessment and Evaluation; 225 W. State St., Trenton, NJ 08625.
GL GRADE LEVEL: 3; 6; 9.
NT NOTES:
ITEMS: 205.
AB ABSTRACT: Designed to measure basic reading and mathematical skills. The test will be superseded in 1985. Items are multiple choice. Results are used for placement of students, curriculum planning and needs assessment.

AN ACCESSION NUMBER: TC012357 ETS 8502.
TI TITLE: Multiple-Choice Cloze Exercises: Textual Domain, Mathematics, Revised 1977.
DT SUBTESTS: Measurement; History and Numeration; Operations; Sets; Geometry; Advanced Algebra; Trigonometry; Graphing; Number Theory; Analytic Geometry; Linear Algebra; Probability.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany. Div. of Research.
YR YEAR: 77.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304-5110 (ED 226 033; 219 pages).
GL GRADE LEVEL: 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 200.

AB ABSTRACT: The "Test Development Notebook" is a resource designed for the preparation of tests of literal comprehension of students in grades 1 through 12. There are a total of 1725 multiple choice closure exercises in the collection. The exercises have a common multiple choice cloze format; they use passages from domains or types of materials that students read, and the passages are graded by difficulty levels. The Multiple Choice Cloze Exercises: Handbook is available from ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304-5110 (ED 226 028). Instrument consists of 200 items based on material in mathematics texts for grades 3-12. Items are arranged in 24 levels of difficulty.

AN ACCESSION NUMBER: TC012132 ETS 8502.
TI TITLE: Mathematical Problems Solving Tests.
AU AUTHOR: Schoenfield-Alan-H.
YR YEAR: 80.
AV AVAILABILITY: Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
NT NOTES:
ITEMS: 51.
AB ABSTRACT: A measure of a student's approach to solving mathematical problems involving geometric figures and algebra. Student's procedure for solution to problems is graded according to specific criteria. A brief questionnaire to determine student's perception of the problem follows each question.

AN ACCESSION NUMBER: TC011851 ETS 8502.
TI TITLE: NTE Specialty Area Tests: Mathematics.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 82.
AV AVAILABILITY: NTE Programs, Educational Testing Service; CN 6054, Princeton, NJ 08541-6054.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 120.
AB ABSTRACT: Part of a standardized, secure measure of academic achievement for college students in, or completing, teacher education programs. Used by associations, school systems, state agencies, and institutions, for decisions about the certification and selection of teachers. One of 27 tests measuring understanding of the content and methods applicable to teaching in subject areas. This test covers the content areas of: numeration systems, concepts, and structures; algebra; arithmetic; measurement; geometry, trignometry; probability and statistics and calculus.

AN ACCESSION NUMBER: TC011780 ETS 8502.
TI TITLE: Multilevel Academic Skill Inventory: Math Component.
DT SUBTESTS: Computation Survey; Application Survey.
AU AUTHOR: Howell-Kenneth-W; And Others.
YR YEAR: 82.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8.
AB ABSTRACT: Designed to aid teachers in identification of individual student needs in areas of basic math skills. The Computation section assesses addition, subtraction, multiplication, division, fractions, decimals, ratios, and percent. The application section assesses areas of time and temperature, money, geometry, customary measurement, metric measurement, and problem solving. Useful with remedial and mildly handicapped students.

AN ACCESSION NUMBER: TC011507 ETS 8502.
TI TITLE: Comprhensive Testing Program II, Levels 3, 4 and 5.
DT SUBTESTS: Verbal Aptitude; Quantitative Aptitude; Mathematics Concepts; Mathematics Computation; Vocabulary; Reading Mechanics of Writing; English Expression; Algebra; Geometry; General Mathematics.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 82.
AV AVAILABILITY: Educational Records Bureau; Box 619; Princeton, NJ 08541.
GL GRADE LEVEL: 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 300.
ITEMS: 440.
AB ABSTRACT: Levels 3, 4 and 5 consist of an achievement and an aptitude test. The aptitude test is designed to predict academic performance and has a verbal and quantitative section. An accompanying achievement battery covers: reading, mathematics concepts and computation (levels 3 and 4), Algebra (levels 4 and 5), geometry and general mathematics (level 5), vocabulary, mechanics of writing and English expression. Provides norms for use with independent schools and suburban schools as well as national norms.

AN ACCESSION NUMBER: TC011441 ETS 8502.
TI TITLE: EDS Diagnostic Skill Level Inventory For Mathematics.
DT SUBTESTS: Basic Functions; Algebra; Geometry; Applications.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 75.
AV AVAILABILITY: Educational Diagnostic Services; P.O. Box 347; Valparaiso, IN 46383.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 60.

ITEMS: 40.
AB ABSTRACT: Developed to diagnose the strengths and weaknesses of adult students at the high school level. Each inventory allows diagnosis of functional weaknesses within that academic discipline in order to concentrate on specific problems between the 9 to 12 equivalent grade levels. Can be used for predictive assessments for passing the new General Educational Development Tests (GED).

AN ACCESSION NUMBER: TC011373 ETS 8502.
TI TITLE: Annual High School Mathematics Examination.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, D.C.
YR YEAR: 81.
AV AVAILABILITY: M.A.A. Committee on High School Contests; University of Nebraska, Lincoln, NE 68508.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 90.
ITEMS: 30.
AB ABSTRACT: Multiple-choice examination, based on precalculus mathematics, with emphasis on algebra and geometry. Results are used to identify students who possess unusual mathematical ability. Students compete for both individual and school awards. New forms published annually.

AN ACCESSION NUMBER: TC011197 ETS 8502.
TI TITLE: ORBIT: Objectives Referenced Bank of Items and Tests - Mathematics.
DT SUBTESTS: Operations with Whole Numbers; Operations with Fractions; Operations with Rational Numbers (Fractions or Decimals); Operations with Decimals and Money; Operations with Integers; Number and Numeration; Number Theory; Number Sentences (Equalities and Inequalities); Number Properties; Set Theory; Geometry; Common Scales (Time, Money, Temperature; Measurement; Word Problems; Ratio, Proportion, Per Cent; Probability and Statistics; Algebra.
AU INSTITUTIONAL AUTHOR: CTB/McGraw-Hill, Monterey, Calif.
YR YEAR: 80.
AV AVAILABILITY: CTB/McGraw-Hill; Del Monte Research Park, Monterey, CA 93940.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 2324.
AB ABSTRACT: Objectives with up to four accompanying test items designed for use in the development of multiple choice criterion-referenced tests. Objectives are selected by the user. Tests are constructed by the publisher. To provide prescriptive

information, objectives are keyed to mathematics texts. For information on Reading and Communication and Social Studies items see TC011196 and 011198.

AN ACCESSION NUMBER: TC010662 ETS 8502.
TI TITLE: High School Subject Tests: Geometry.
DT SUBTESTS: Angles; Segments, Lines, and Ray; Similarity and Congruence; Perimeter and Area; Circles.
AU INSTITUTIONAL AUTHOR: Scott, Foresman and Co., Glenview, Ill.
YR YEAR: 80.
AV AVAILABILITY: American Testronics; P.O. Box 2270, Iowa City, IA 52244.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40.
ITEMS: 40.
AB ABSTRACT: Part of the Comprehensive Assessment Program. Evaluates students and curriculum in terms of specific instructional objectives. Can also be used as norm referenced test by comparing students' performance to the scores of the norming sample.

AN ACCESSION NUMBER: TC010661 ETS 8502.
TI TITLE: High School Subject Tests: General Mathematics.
DT SUBTESTS: Computation-Recall and Basic Operations; Computation-Comprehension and Application; Geometry and Measurement; Tables, Graphs, and Charts; Calculators and Decision Making.
AU INSTITUTIONAL AUTHOR: Scott, Foresman and Co., Glenview, Ill.
YR YEAR: 80.
AV AVAILABILITY: American Testronics; P.O. Box 2270, Iowa City, IA 52244.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES: See TC 010 655-010 660 and TC 010 662-010 669 for other high school subject tests.
TIME: 40.
ITEMS: 40.
AB ABSTRACT: Part of the Comprehensive Assessment Program. Evaluates students and curriculum in terms of specific instructional objectives. Can also be used as norm-referenced test by comparing students' performance to the scores of the norming sample.

AN ACCESSION NUMBER: TC010487 ETS 8502.
TI TITLE: Brigance Diagnostic Inventory of Basic Skills.
DT SUBTESTS: Readiness; Reading; Language Arts; Math.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 77.
AV AVAILABILITY: Curriculum Associates, Inc.; 5 Esquire Rd., North Billerica, MA 01862.

GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6.
NT NOTES:
TIME: 20.
ITEMS: 2890.
AB ABSTRACT: Individually administered inventory designed to assess basic readiness and academic skills, measure and record performance, and as an aid in individualizing instruction.

AN ACCESSION NUMBER: TC009911 ETS 8502.
TI TITLE: Criterion-Referenced Test: MGS/CRTest Eastern Navajo Agency, Level J.
DT SUBTESTS: Language Arts; Mathematics; Science; Social Studies.
AU AUTHOR: Dougherty-Don; And Others.
YR YEAR: 78.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 8.
NT NOTES: See also Levels B-H (TC009903-009910).
ITEMS: 49.
AB ABSTRACT: Developed for use in instructional planning, diagnosis and remediation, this series covers grades K-8 and is designed to measure Navajo student progress in the achievement of minimum grade standards (MGS) in basic skills. Level J covers: language arts, skimming, vocabulary, literary forms, comprehension, analysis, writing letters, job applications; mathematics, operations, geometry, operations with fractions, decimals, percent, metrics, problems; science, chemistry, machines, electricity, weather, pollution, first aid; social studies, tribal history and services, government, consumer education. This test is untimed.

AN ACCESSION NUMBER: TC009910 ETS 8502.
TI TITLE: Criterion-Referenced Test: MGS/CRTest Eastern Navajo Agency, Level I.
DT SUBTESTS: Language Arts; Mathematics; Science; Social Studies.
AU AUTHOR: Dougherty-Don; And Others.
YR YEAR: 78.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 7.
NT NOTES: See also levels B-H (TC009903-009909) and Level J (TC009911).
ITEMS: 45.
AB ABSTRACT: Developed for use in instructional planning, diagnosis and remediation, this series covers grades K-8 and is designed to measure Navajo student progress in the achievement of minimum grade standards (MGS) in basic skills. Level I covers: language arts, vocabulary skills, parts of speech, comprehension, punctuation, directions, reference skills, business forms; mathematics, operations, geometry, operations with fractions, problems; science,

animals, insects, plants, body systems, chemistry, space, physical forces; social studies, people, Navajo history, local geography, and economics. This test is untimed.

AN ACCESSION NUMBER: TC009909 ETS 8502.
TI TITLE: Criterion-Referenced Test: MGS/CRTest Eastern Navajo Agency, Level H.
DT SUBTESTS: Language Arts; Mathematics; Science; Social Studies; Health.
AU AUTHOR: Dougherty-Don; And Others.
YR YEAR: 78.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 6.
NT NOTES:
ITEMS: 45.
AB ABSTRACT: Developed for use in instructional planning, diagnosis and remediation, this series covers grades K-8 and is designed to measure Navajo student progress in the achievement of minimum grade standards (MGS) in basic skills. Level H covers: language arts, affixes, synonyms, comprehension, parts of speech, mechanics, usage, outlining; mathematics, operations, geometry, fractions, measurement, money, problems; science, earth and man, graph reading; social studies, people, countries, climate, consumer role; health, body systems, drugs, exercise, eating habits, first aid. This test is untimed.

AN ACCESSION NUMBER: TC009870 ETS 8502.
TI TITLE: Minimum Mathematics Competency Test.
AU INSTITUTIONAL AUTHOR: Bakersfield, Calif.Kern Joint Union High School District.
YR YEAR: 76.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 45.
AB ABSTRACT: Designed for use as a high school graduation requirement. Test content covers: decimals, charts and graphs, measurement, mixed numbers, time, percentages, interest and simple geometry. Minimum score was determined through testing of local employees in entry level positions to comply with the criterion of the test that graduated students should have the skills necessary to meet these job needs.

AN ACCESSION NUMBER: TC009751 ETS 8502.
TI TITLE: SCORE Criterion Referenced Testing Service. (MULTISCORE)
DT SUBTESTS: Reading Readiness; Sound/Symbol Relationship; Work Meaning and Structure; Reading Comprehension, Gr. 1-2; Reading Comprehension and Interpretation, Gr. 3-8; Analysis and Classification of Written Materials; Oral Communication; Study Skills; Capitalization; Punctuation; Spelling; Parts of Speech; Usage; Sentence Patterns, Types, and Components; Transformational

Grammar; Writing Skills; Reading Comprehension and Interpretation; Content Area E; Numbers & Numeration; Whole Numbers; Operations Whole Numbers; Addition; Operations Whole Numbers; Subtraction; Operations Whole Numbers; Multiplication; Operations Whole Numbers; Division; Number Theory; Fractions and Mixed Numbers; Decimal Fractions; Ratio, Proportion and Percent; Number Phrases, Sentences; Equations and Inequalities; Measurement; Nonmetric Geometry; Metric Geometry; Coordinate Geometry; Integers; Probability; Graphs and Statistics; Real Numbers; Logical Thinking.
YR YEAR: 84.
AV AVAILABILITY: Riverside Publishing Company; 8420 Bryn Mawr Avenue, Chicago, IL 60631.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES:
TIME: 40; Approx.
ITEMS: 1488.
AB ABSTRACT: Criterion referenced tests in Reading/Language Arts and Mathematics developed according to determination of educational objectives from the SCORE item bank.

AN ACCESSION NUMBER: TC009411 ETS 8502.
TI TITLE: Tests of Geometry Knowledge.
AU AUTHOR: Frayer; Dorothy-A.
YR YEAR: 69.
AV AVAILABILITY: Dorothy A. Frayer; Dean, School of Education, Duquesne University, Pittsburgh, PA 15237.
GL GRADE LEVEL: 4; 5; 6.
AB ABSTRACT: Test determines the effect of the number of instances and the emphasis of relevant attributable values on the level of geometric concept mastery by fourth and sixth grade children; given in the form of a multiple-choice test and a completion test.

AN ACCESSION NUMBER: TC008878 ETS 8502.
TI TITLE: Survey Instrument: Geometry Test and Teaching Geometry Test.
DT SUBTESTS: Information Sheet; Attitude Survey; The Teaching Of Geometry In The Elementary School; Geometry.
AU AUTHOR: Backman-Carl-Adolph.
YR YEAR: 69.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
TG TARGET AUDIENCE: Adults.
NT NOTES: See also Student Geometry Achievement Test (TC008877).
ITEMS: 127.
AB ABSTRACT: Used to collect information on elementary school teachers' presage characteristics relevant to teacher preparation. The four parts give the following types of information: 1) background, training/experience; 2) attitudes toward geometry and teaching geometry; 3) teacher's familiarity with both the techniques

and problems related to teaching of geometry; and 4) teacher's familiarity with geometric concepts. Teachers are allowed to keep the test for 2 weeks.

AN ACCESSION NUMBER: TC008877 ETS 8502.
TI TITLE: Student Geometry Achievement Test.
DT SUBTESTS: Recall Of Factual Knowledge; Perform Mathematical Manipulations and Solve Routine Problems; Demonstrate Comprehension Of Mathematical Ideas and Concepts.
AU AUTHOR: Backman-Carl-Adolph.
YR YEAR: 69.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 4; 5.
NT NOTES: See also Survey Instrument: Geometry Test And Teaching Geometry Test (TC008878).
ITEMS: 21.
AB ABSTRACT: A measure of student achievement in geometry. Designed to accompany the author's Survey Instrument: Geometry Test And Teaching Geometry Test.

AN ACCESSION NUMBER: TC008062 ETS 8502.
TI TITLE: Tests of Achievement in Basic Skills: Mathematics - Level A.
DT SUBTESTS: Arithmetic Skills-Combinations; Geometry-Measurement-Application; Modern Concepts.
AU AUTHOR: Young-James-C.
YR YEAR: 73.
AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.
GL GRADE LEVEL: 3; 4.
NT NOTES:
ITEMS: 49.
AB ABSTRACT: Designed to assess mathematics achievement of students in grades 3 and 4. Two parallel forms are available. The test is an untimed power instrument. Test booklet may be used for (IMP) Individualized Mathematics Program: Level A. IMP kit is available from Educational and Industrial Testing Service.

AN ACCESSION NUMBER: TC008061 ETS 8502.
TI TITLE: Tests of Achievement in Basic Skills: Mathematics - Level 2.
DT SUBTESTS: Arithmetic Skills; Geometry-Measurement-Application; Modern Concepts.
AU AUTHOR: Young-James-C.
YR YEAR: 74.
AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.
GL GRADE LEVEL: 2.
NT NOTES:

ITEMS: 36.
AB ABSTRACT: Designed to assess mathematic achievement of students in grade 2. Two parallel forms are available. The test is an untimed power instrument. Test booklet may be used for (IMP) Individualized Mathematics Program: Level 2. IMP kit is available from Educational and Industrial Testing Service.

AN ACCESSION NUMBER: TC008060 ETS 8502.
TI TITLE: Tests of Achievement in Basic Skills: Mathematics - Level 1.
DT SUBTESTS: Arithmetic Skills; Geometry-Measurement-Application; Modern Concepts.
AU AUTHOR: Young-James-C.
YR YEAR: 74.
AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.
GL GRADE LEVEL: 1.
NT NOTES:
ITEMS: 36.
AB ABSTRACT: Designed to assess mathematics achievement of grade 1 students. May also be used as a placement instrument. Two parallel forms are available. Test is untimed. Test booklet may be used for (IMP) Individualized Mathematics Program: Level 1. IMP kit is available from Educational and Industrial Testing Service.

AN ACCESSION NUMBER: TC008059 ETS 8502.
TI TITLE: Tests of Achievement in Basic Skills: Mathematics - Level K.
DT SUBTESTS: Arithmetic Skills; Geometry-Measurement; Modern Concepts.
AU AUTHOR: Young-James-C.
YR YEAR: 74.
AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.
TG TARGET AUDIENCE: AGE 2-5.
NT NOTES:
ITEMS: 18.
AB ABSTRACT: Designed to determine how well each student has mastered specific academic objectives. This test is untimed. Forms 1 and 2 are parallel in content. This level is designed for use in pre-school and kindergarten classes. Test booklet may be used for (IMP) Individualized Mathematics Program: Level K. IMP kit is available from Educational and Industrial Testing Service.

AN ACCESSION NUMBER: TC007194 ETS 8502.
TI TITLE: Tests of Achievement in Basic Skills: Mathematics - Level B.
DT SUBTESTS: Arithmetic Skills; Geometry-Measurement-Application; Modern Concepts.
AU AUTHOR: Young-James-C.
YR YEAR: 72.

AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.
GL GRADE LEVEL: 4; 5; 6.
NT NOTES:
ITEMS: 69.
AB ABSTRACT: Measures knowledge and understanding of basic mathematical skills. Designed to assess individual student achievement at his respective grade level. Two parallel forms are available. Test is untimed. Test booklet may be used for (IMP) Individualized Mathematics Program: Level B (TC008070). IMP kit is available from Educational and Industrial Testing Service.

AN ACCESSION NUMBER: TC005633 ETS 8502.
TI TITLE: Tests of Achievement in Basic Skills: Mathematics - Level C.
DT SUBTESTS: Arithmetic Skills; Geometry-Measurement-Application; Modern Concepts.
AU AUTHOR: Young-James-C; Knapp-Robert-R.
YR YEAR: 71.
AV AVAILABILITY: Educational and Industrial Testing Service; P.O. Box 7234; San Diego, CA 92107.
GL GRADE LEVEL: 7; 8; 9.
NT NOTES:
ITEMS: 64.
AB ABSTRACT: Designed to assess individual students' achievement at their respective grade level and for evaluation of the effectiveness of instruction at these grade levels. Two parallel forms are available. Test is untimed. Test booklet may be used for (IMP) Individualized Mathematics Program: Level C, (TC 005 632). IMP kit is available from Educational and Industrial Testing Service.

AN ACCESSION NUMBER: TC004939 ETS 8502.
TI TITLE: A Mathematics Test for Grades Four, Five and Six.
DT SUBTESTS: Understanding Numeration Systems; Set Terminology; Mathematical Structure; Addition and Subtraction of Whole Numbers; Division of Whole Numbers; Common Fractions; Decimal Fractions and Per Cent; Measurements; Geometry; Solving Problems; Graphs and Scale Drawings.
AU AUTHOR: Le-Jeune-Stanley.
YR YEAR: 69.
AV AVAILABILITY: Psychometric Affiliates; Box 807, Murfreesboro, TN 37133.
GL GRADE LEVEL: 4; 5; 6.
NT NOTES:
TIME: 168; approx.
ITEMS: 110.
AB ABSTRACT: Measures student comprehension of major topics in general mathematics. Test should be administered in two sessions on consecutive days.

AN ACCESSION NUMBER: TC003303 ETS 8502.
TI TITLE: ATP Achievement Test in Mathematics, Level II (Intensive).
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 80.
AV AVAILABILITY: Admission Testing Program; CN 6200, Princeton, NJ 08541.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 60; approx.
ITEMS: 50.
AB ABSTRACT: Assesses knowledge of specific subject area. Designed as part of the Admissions Testing Program (ATP) administered by the College Board to high school juniors and seniors. Many colleges require the tests for admission and some use the results for placement. Test specifications are revised periodically. Level II test overlaps that of Level I but is narrower in scope. Composed of algebra, geometry (including both coordinate and synthetic in two and three dimensions), trigonometry, functions, and a miscellaneous category. Stresses aspects of mathematics that are prerequisites for a course in calculus.

AN ACCESSION NUMBER: TC003302 ETS 8502.
TI TITLE: ATP Achievement Test in Mathematics, Level I (Standard).
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 80.
AV AVAILABILITY: Admission Testing Program; CN 6200, Princeton, NJ 08541.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 60; approx.
ITEMS: 50.
AB ABSTRACT: Assesses knowledge of specific subject area. Designed as part of the Admissions Testing Program (ATP) administered by the College Board to high school juniors and seniors. Many colleges require the tests for admission and some use the results for placement. Test specifications are revised periodically. Broad range cumulative test based on topics usually covered in a college preparatory mathematics sequence. Major emphasis is on algebra and plane Euclidean geometry. Other areas incoude coordinate geometry, trigonometry, functions and functional notation for composition and inverse, space perception of simple solids, mathematical reasoning and the nature of proof.

AN ACCESSION NUMBER: TC002720 ETS 8502.
TI TITLE: College-Level Examination Program: General Examination in Mathematics.
DT SUBTESTS: Skills and Concepts; Content.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 81.
AV AVAILABILITY: College Level Examination Program; CN 6600, Princeton, NJ 08541.

GL GRADE LEVEL: Higher Education.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 90.
ITEMS: 90.
AB ABSTRACT: CLEP enables both traditional and nontraditional students to earn college credit by examination. Questions in Part B are more directly related to a college-level course than those in Part A. The score on Part B is counted twice in determining total score. Tests are updated periodically.

AN ACCESSION NUMBER: TC002288 ETS 8502.
TI TITLE: National Achievement Tests; Plane Geometry Test.
AU AUTHOR: Webb-Ray-Hlavaty-Julius-H.
YR YEAR: 60.
AV AVAILABILITY: Psychometric Affiliates; Box 807, Murfreesboro, TN 37133.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40.
ITEMS: 48.
AB ABSTRACT: Designed to measure a student's knowledge of plane geometry and his or her ability to apply that knowledge.

AN ACCESSION NUMBER: TC002287 ETS 8502.
TI TITLE: National Achievement Tests; Solid Geometry.
AU AUTHOR: Webb-Ray.
YR YEAR: 60.
AV AVAILABILITY: Psychometric Affiliates; Box 807, Murfreesboro, TN 37133.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40.
ITEMS: 48.
AB ABSTRACT: To measure secondary school students' achievement level in solid geometry. Comes in two forms: Form A is copyrighted 1960; Form B, 1959.

AN ACCESSION NUMBER: TC000785 ETS 8502.
TI TITLE: Cooperative Analytic Geometry Test.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 63.
AV AVAILABILITY: Publishers Test Service; 2500 Garden Road, Monterey, CA 93940.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 40.
ITEMS: 35.
AB ABSTRACT: Suitable for use with one semester course or combined analytic geometry-calculus course. Two forms are available.

AN ACCESSION NUMBER: TC000569 ETS 8502.
TI TITLE: Cooperative Geometry Test.
DT SUBTESTS: Euclidean Geometry; Advanced Understanding, Proof, Spatial Reasoning.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 62.
AV AVAILABILITY: Publishers Test Service; 2500 Garden Road, Monterey, CA 93940.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 80.
ITEMS: 80.
AB ABSTRACT: Consists of two separately timed tests. May be administered in either long or short version. Total test provides a more thorough treatment of concepts of basic course plus applications of geometry in three-dimensional space. Recommendation is to administer longer, more reliable total geometry test whenever appropriate. Two forms are available.

AN ACCESSION NUMBER: TC865023 ETS 8705.
TI TITLE: New Zealand Item Bank: Mathematics, Level 7.
AU INSTITUTIONAL AUTHOR: New Zealand Education Department, Wellington.
YR YEAR: 81.
AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria 3122; Australia.
GL GRADE LEVEL: 7; 8; 9.
AB ABSTRACT: A collection of approximately 500 multiple-choice items relating to 8 subcategories of mathematics. Items are described as being free from ambiguities, inconsistencies, and other faults. Information is provided about the likely difficulty of each item. Also indicated is the kind of ability each item is intended to assess (recall, computation, understanding, or application). Can be used for compiling classroom tests, for individualized testing or for diagnostic testing. The subcategories are Sets, Numbers and Operations; Integers; Numeration and Measurement; Algebraic Processes; Relations and Graphs; Statistics and Probability; Geometry.

AN ACCESSION NUMBER: TC865022 ETS 8705.
TI TITLE: New Zealand Item Bank: Mathematics, Level 5.
AU INSTITUTIONAL AUTHOR: New Zealand Education Department, Wellington.
YR YEAR: 81.
AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria 3122; Australia.
GL GRADE LEVEL: 5; 6; 7.
AB ABSTRACT: A collection of approximately 500 multiple-choice items relating to 11 subcategories of mathematics. Items are described as being free from ambiguities, inconsistencies, and other faults. Information is provided about the likely difficulty of each item. Also indicated is the kind of ability each item is intended to assess (recall, computation, understanding, or application). Can be used for compiling classroom tests, for individualized testing or for diagnostic testing. The 11 subcategories are Sets, Numbers and Numerals; Whole Number Operations; Geometry and Graphing; Multiplication, Division, Statistics; Statements; Number Theory; Fractional Numbers; Multiplication and Division of Fractional Numbers; Geometry; Decimal Fractions, Percentages.

AN ACCESSION NUMBER: TC865021 ETS 8705.
TI TITLE: New Zealand Item Bank: Mathematics, Level 4.
AU INSTITUTIONAL AUTHOR: New Zealand Education Department, Wellington.
YR YEAR: 81.
AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria 3122; Australia.
GL GRADE LEVEL: 4; 5; 6.
AB ABSTRACT: A collection of multiple-choice items relating to 11 subcategories of mathematics. Items are described as being free from ambiguities, inconsistencies, and other faults. Information is

provided about the likely difficulty of each item. Also indicates the kind of ability each item is intended to assess (recall, computation, understanding, or application). Can be used for compiling classroom tests, for individualized testing or for diagnostic testing in the elementary school grades. The 11 subcategories are Sets, Numbers and Numerals; Addition and Subtraction; Geometry; Multiplication, Division, Relations, Logic and Statistics; Number Theory; Fractional Numbers; Addition and Subtraction of Fractional Numbers; Geometry; Statistics; Multiplication and Division with Fractional Numbers, Operations on Whole and Fractional Numbers, Decimal Fractions.

AN ACCESSION NUMBER: TC865020 ETS 8705.
TI TITLE: New Zealand Item Bank: Mathematics, Level 3.
AU INSTITUTIONAL AUTHOR: New Zealand Education Department, Wellington.
YR YEAR: 81.
AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria 3122; Australia.
GL GRADE LEVEL: 3; 4; 5.
AB ABSTRACT: A collection of multiple-choice items covering 11 subcategories of mathematics. Items are described as being free from ambiguities, inconsistencies, and other faults. Information is provided about the likely difficulty of each item. Also indicates the kind of ability each item is intended to assess (recall, computation, understanding, application). Can be used for compiling classroom tests, for individualized testing or for diagnostic testing. The 11 subcategories are Sets, Numbers and Numerals; Addition and Subtraction; Geometry; Multiplication and Division; Fractional Numbers; Multiplication and Division (again); Factors, Multiples, Primes, Numerals; Multiplication, Division, Logic; Geometry, Measurement, Graphs, Statistics; Addition and Subtraction of Fractional Numbers; Number Operations and Properties.

AN ACCESSION NUMBER: TC865019 ETS 8304.
TI TITLE: Item Bank: Mathematics, Level 6.
AU INSTITUTIONAL AUTHOR: New Zealand Dept. of Education, Wellington.
YR YEAR: 73.
AV AVAILABILITY: Department of Education; Curriculum Development Unit, Private Bag, Government Buildings, Wellington, New Zealand.
GL GRADE LEVEL: 10; 11; 12.
NT NOTES:
ITEMS: 470.
AB ABSTRACT: Multiple choice items for use in compiling classroom tests. In most cases; one sample item is provided per objective. Covers sets, points, lines, planes and sentences, intersection and union, angles, lines and planes, numeration, operations and properties, triangles, reflection, rotation and translation, number

sentences and pronumerals, indices, factors, multiples, shapes and solids, polygons and polyhedra, fractions, dilations and scale drawings, area and volume.

AN ACCESSION NUMBER: TC865018 ETS 8304.
TI TITLE: Item Bank: Mathematics, Level 2.
AU INSTITUTIONAL AUTHOR: New Zealand Dept. of Education, Wellington.
YR YEAR: 74.
AV AVAILABILITY: Department of Education; Curriculum Development Unit, Private Bag, Government Buildings, Wellington, New Zealand.
GL GRADE LEVEL: 8; 9; 10.
NT NOTES:
ITEMS: 438.
AB ABSTRACT: Multiple Choice items for use in compiling classroom tests. In most cases, one sample item is provided per objective. Covers sets, numerals, numbers, addition and subtraction, multiplication and division, geometry, fractions, sets and graphs.

AN ACCESSION NUMBER: TC830403 ETS 8503.
TI TITLE: OISE Intermediate Test: Mathematics.
DT SUBTESTS: Computation; Understanding; Measurement; Algebra-Geometry; Problem Solving.
AU INSTITUTIONAL AUTHOR: Ontario Institute for Studies in Education, Toronto, Canada.
AV AVAILABILITY: Ontario Institute for Studies in Education; Office of Field Development, 252 Bloor Street West, Toronto, Ontario M5S 1V6; Canada.
GL GRADE LEVEL: 7; 8; 9.
NT NOTES: For other tests in the OISE Intermediate Test series, see TC 830 402 - TC 830 414 and TC 830 431.
TIME: 60.
ITEMS: 43.
AB ABSTRACT: Intended to assess knowledge, understandings, and skills during school years when many students take nearly all subjects in common. The tests are of greatest value in grades 7, 8, and 9 but some specific tests may be useful in other grades if the local school emphasizes the subject matter being assessed at some other grade level. Test items were originally derived from educational objectives of the Ontario Ministry of Education but have been revised for national applicability in Canada and administered to a sample of students across the country. This is one of 13 tests in the OISE Intermediate Test series.

AN ACCESSION NUMBER: TC810571 ETS 8405.
TI TITLE: City and Guilds of London Institute: Test of Communication Skills and Numeracy.
AU INSTITUTIONAL AUTHOR: City and Guilds of London Institute, London England.

AV AVAILABILITY: City and Guilds of London Institute; 76 Portland Place, London W1N 4AA, England.
TG TARGET AUDIENCE: Adults.
AB ABSTRACT: This test is one of 150 developed by this private testing institute. An acceptable score results in a certificate which is presented by test takers to prospective employers as evidence of the test taker's skill in a particular area. The examination covers: understanding written and graphic communication and producing same; arithmetic and operations; algebra and geometry.

ETS TEST COLLECTION VIA INTERNET

The ERIC Clearinghouse on Assessment and Evaluation has mounted on its gopher site a database to help locate tests. This database can be used by accessing the gopher at the address: GOPHER.CUA.EDU. The ERIC/ETS Test Collection is located under: Special Resources/ ERIC Clearinghouse on Assessment and Evaluation/ Test Locator/.

To search the database, enter keywords from the title or descriptors. For example, if you would like to search for tests on oral language proficiency, you could type in all three words, or oral and proficiency. You may get slightly different results, but you will have information on a lot of tests to look at. If you know the title of the test, the best way to search is to use the main words in the title, not necessarily all of the words in the title. If you are looking for the Wechsler Intelligence Scale for Children-Revised, the most efficient way to search is with the words Wechsler, intelligence, and children.

INTRODUCTION TO THE ETS TEST COLLECTION

The Educational Testing Service (ETS) Test Collection database contains records on over 9,500 tests and research instruments. These records describe the instruments and provide availability information. The Test Collection encompasses virtually all fields from vocational interest inventories for adults to instruments that measure shyness or predict recidivism in released criminal offenders, to assessment of managerial style, as well as education-related achievement and aptitude tests. The test descriptions are indexed with ERIC Thesaurus terms for subject accessibility.

This is a joint project of ETS and ERIC_AE. ETS Library and Reference Services Division prepares the descriptions. ERIC_AE maintains the database and hosts the Search System. ERIC_AE has also begun to put ETS prepared test descriptions into the ERIC *Resources in Education* database. About 15 descriptions are added each month.

COPYRIGHT

COPYRIGHT (C) EDUCATIONAL TESTING SERVICE

You may download individual and small groups of test descriptions and you may point to this service from any Gopher Site.

WHAT KIND OF TEST ARE DESCRIBED?

The Test Collection database collects a variety of instruments: achievement tests, aptitude tests, personality measures, attitude measures, career/vocational interest measures, occupational tests such as nursing or sales skills inventories. Many research instruments are collected as well as tests from commercial publishers.

WHAT INFORMATION IS AVAILABLE ABOUT THE TESTS?

The title, author, publication date and source appear in the record. An abstract describing the instrument, intended population, and uses accompanies the record. Subject terms give the age and grade level information as well as ERIC Thesaurus terms that describe the test.

DOES THE TEST COLLECTION DATABASE REVIEW THE TESTS?

No, other reference guides such as Mental Measurements Yearbooks, Tests: A Comprehensive Reference for Assessments in Psychology, Education, and Business, and Test Critiques distributed by Pro-Ed fill that role. You can search the tables of contents for the MMY and Test Critiques through the ERIC_AE Gopher Site.

ARE ALL THE TESTS IN THE DATABASE CURRENTLY IN PRINT?

No, some of the items are out of print. We suggest contacting the publisher for permission to use out-of-print materials. Phone numbers can be located using another menu option on the ERIC_AE Gopher Site.

WHERE CAN I SEE THE ACTUAL TEST INSTRUMENTS?

Availability information is provided in the records. Many colleges and universities have test collections in their libraries. Talk to you local librarian for more information.

WHAT IS TESTS IN MICROFICHE?

Tests in Microfiche is a subcollection of unpublished research instruments that are available for purchase in microfiche from the ETS Test Collection. The collection includes instruments appropriate for diverse populations (infants, learning disabled, adults, etc.) Each set spans a wide range of topics such as job satisfaction and attitudes towards school. More than 800 tests are available.

DOES THE TEST COLLECTION PROVIDE REFERENCE SERVICES?

No, the descriptive information in the database should help answer most questions people may have. And the publisher of the particular test is the most competent source of information. You can, however, route general inquiries to ERIC_AE@CUA.EDU.

Ask_AE@cua.edu
ERIC Clearinghouse on
Assessment and Evaluation
Catholic University of America
Washington, DC 20064

800 464-3742 (800 Go4-ERIC)
202 319-5120
FAX: 202 319-6692